

Notice of Allowability**Application No.**

10/777,577

Examiner

FARHAN SYED

Applicant(s)

ROY ET AL.

Art Unit

2165

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address-

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/9/11.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are 1,3-13,15-17,19-21,23-25,27 and 28.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 20080630, 20081211
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 20111007.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/Farhan M Syed/
Primary Examiner, Art Unit 2165

DETAILED ACTION

1. The Board of Patent Appeals and Interferences reversed the Examiner's rejection of claims 1, 3-13, 15-17, 19-21, 23-25, 27, and 28, on 09 September 2011 and therefore, the claims have been allowed over the prior art of record.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted on 30 June 2008 and 11 December 2008 was filed after the mailing date of the Final Office Action on 14 June 2007. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

EXAMINER'S AMENDMENT

3. Authorization for Examiner's Amendment to the Appeal Brief filed 26 November 2007 was given by Mr. Jack Abid (Reg. No. 58,237) in a telephone interview on 07 December 2011.

4. An examiner's amendment to the Appeal Brief filed 26 November 2007 appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

5. The application has been amended as follows:

13. (Currently amended) A protocol interface device for interfacing a plurality of mobile wireless communications devices with a plurality of electronic mail (email) data storage devices, the mobile wireless communications devices and email data storage devices each using at least one of a plurality of different operating protocols, the protocol interface device comprising:

a processor and memory configured to provide a front-end proxy module for communicating with the plurality of mobile wireless communications devices using respective operating protocols; and

said processor and memory configured to provide a protocol engine module for communicating with the plurality of email data storage devices using respective operating protocols;

said front-end proxy module and said protocol engine module communicating using a common interface protocol able to represent a desired number of protocol-supported elements for a desired operating protocol and cooperating to aggregate email messages from the email data storage devices to respective mobile wireless communications devices.

17. (Currently amended) A protocol interface device for interfacing a plurality of communications devices with a plurality of electronic mail (email) data storage devices, the communications devices and email data storage devices each using at least one of a plurality of different operating protocols, the protocol interface device comprising:

a processor and memory configured to provide a front-end proxy module for communicating with the plurality of communications devices using respective operating protocols; and

said processor and memory configured to provide a protocol engine module for communicating with the plurality of email data storage devices using respective operating protocols;

said front-end proxy module and said protocol engine module communicating using a common interface protocol able to represent a desired number of protocol-supported elements for a desired operating protocol and cooperating to aggregate email messages from the email data storage devices to respective mobile wireless communications devices.

21. (Currently amended) A non-transitory computer-readable medium having computer-executable modules for interfacing a plurality of mobile wireless communications devices with a plurality of electronic mail (email) data storage devices, the mobile wireless communications devices and email data storage devices each using at least one of a plurality of different operating protocols, the computer-readable medium comprising:

a front-end proxy module for communicating with the plurality of mobile wireless communications devices using respective operating protocols; and

a protocol engine module for communicating with the plurality of email data storage devices using respective operating protocols, the front-end proxy module and the protocol engine module communicating using a common interface protocol able to represent a desired number of protocol-supported elements for a desired operating protocol and cooperating to aggregate email messages from the email data storage devices to respective mobile wireless communications devices.

27. (Currently amended) The non-transitory computer-readable medium of Claim 25 wherein the common interface protocol is able to represent all protocol-supported elements for a most capable operating protocol.

28. (Currently amended) The non-transitory computer-readable medium of Claim 25 wherein the common interface protocol is based upon a Web-based distributed authoring and versioning (WebDAV) protocol.

Allowable Subject Matter

6. Claims 1, 3-13, 15-17, 19-21, 23-25, 27, and 28 and renumbered as claims 1-23 are allowed over the prior art of record.

Reasons For Allowance

7. The following is an examiner's statement of reasons for allowance:

Regarding independent claims 1, 13, 17, 21, and 25, Applicants particular methods, systems and apparatus of interfacing mobile devices with e-mail storage devices, where each device uses different operating protocols, where a protocol engine module communicates with e-mail storage devices using the respective operating protocols, was not disclosed by, would not have been obvious over, nor would have been fairly suggested by the prior art of record.

The dependent claims, being further limiting to the independent claims, definite and enabled by the specification are also allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Farhan M. Syed whose telephone number is 571-272-7191. The examiner can normally be reached on 8:30AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Neveen Abel-Jalil can be reached on 571-272-4074. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Farhan M Syed/
Primary Examiner, Art Unit 2165
October 2, 2011